

Application No: 10/634,330  
Docket No: FA1144 US NA

This listing of claims replaces all prior versions and listings of claims in the application:

**CLAIMS**

1. (Canceled)
2. (Currently Amended) Method for painting plastic substrates, comprising the steps:
  1. applying a base coat layer consisting of a colour-and/or effect-imparting base coat directly to the plastic substrate,
  2. evaporating and/or curing the base coat layer thus obtained,
  3. applying a clear coat layer consisting of a transparent clear coat to the base coat layer obtained,
  4. curing the clear coat layer obtained, optionally together with the base coat,wherein the applied colour- and/or effect-imparting base coat comprises
  - A) 30 to 90% by weight of a conventional base coat composition, comprising
    - Aa) at least one binder selected from the group consisting of polyurethane, acrylated polyurethane, polyacrylate, polyester, acrylated polyester and alkyd resins and any combinations thereof,
    - Ab) at least one colour and/or effect pigment,
    - Ac) at least one organic solvent and/or water and
    - Ad) optionally conventional paint additives and
  - B) 10 to 70% by weight of an the adhesion-promoting composition B),comprising

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- Ba) at least one ethylene vinyl acetate copolymer,
- Bb) at least one chlorinated rubber,
- Bc) at least one chlorinated polyolefin and
- Bd) optionally organic solvents and/or water and conventional paint additives,

wherein the sum of the portions of components A) and B) makes up 100% by weight;

wherein in step (1) of applying the base coat layer consisting of a colour- and/or effect-imparting coating composition consists of applying a colour- and/or effect-imparting coating composition containing the adhesion-promoting composition B) directly to the plastic substrate and subsequently applying a layer of a colour- and/or effect-imparting coating composition which does not contain the adhesion-promoting composition B).

3. (Currently Amended) Method for painting plastic substrates, comprising the steps:

1. applying a pigmented monocoat finish layer consisting of a colour- and/or effect-imparting coating composition directly to the plastic substrate and
2. curing the top coat layer thus obtained,

wherein the applied colour- and/or effect-imparting monocoat finish comprises

- A) 30 to 90% of a conventional monocoat finish composition, comprising
  - Aa) at least one binder selected from the group consisting of polyurethane, acrylated polyurethane, polyacrylate,

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polyester, acrylated polyester and alkyd resins and any combinations thereof,

Ab) at least one colour and/or effect pigment,

Ac) at least one organic solvent and/or water and

Ad) optionally conventional paint additives and

B) 10 to 70% by weight of an ~~the~~ adhesion-promoting composition B), comprising

Ba) at least one ethylene vinyl acetate copolymer,

Bb) at least one chlorinated rubber,

Bc) at least one chlorinated polyolefin and

Bd) optionally organic solvents and/or water and conventional paint additives,

wherein the sum of the portions of components A) and B) makes up 100% by weight;

wherein in step (1) of applying a pigmented monocoat finish layer consisting of a colour- and/or effect-imparting coating composition consists of applying a colour- and/or effect-imparting coating composition containing the adhesion-promoting composition B) directly to the plastic substrate and subsequently applying a layer of pigmented monocoat finish layer consisting of a colour- and/or effect-imparting coating composition which does not contain the adhesion-promoting composition B).

4. (Previously Presented) Method according to claim 2, wherein the colour- and/or effect-imparting coating composition comprises 35 to 80% by weight of the conventional colour- and/or effect-imparting coating composition A) and 20 to 65% by weight of the adhesion-

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promoting composition B), wherein the sum of portions of components A) and B) makes up 100% by weight.

5. (Previously Presented) Method according to claim 2, wherein the colour- and/or effect-imparting coating composition comprises 40 to 70% by weight of the conventional colour- and/or effect-imparting coating composition constitution A) and 30 to 60% by weight of the adhesion-promoting composition B), wherein the sum of portions of components A) and B) makes up 100% by weight.
6. (Previously Presented) Method according to claim 2, wherein the adhesion-promoting composition B) comprises
  - Ba) 1.0 to 10.0% by weight of at least one ethylene vinyl acetate copolymer,
  - Bb) 0.5 to 10.0% by weight of at least one chlorinated rubber,
  - Bc) 1.0 to 10.0% by weight of at least one chlorinated polyolefin and
  - Bd) 70.0 to 97.5% by weight of organic solvent and optionally, conventional paint additives, wherein the sum of the portions of components Ba) to Bd) makes up 100% by weight.
7. (Canceled)
8. (Previously Presented) Method according to claim 2, wherein the colour- and/or effect-imparting coating composition is a solvent-based coating composition.

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9. (Previously Presented) Method according to claim 2, wherein the colour- and/or effect-imparting coating composition is a water-based coating composition.
10. (Previously Presented) Method according to claim 2 for painting plastics in vehicle painting.
11. (Previously Presented) A plastic substrate coated according to the process of claim 2.
12. (Previously Presented) Method according to claim 3, wherein the colour- and/or effect-imparting coating composition comprises 35 to 80% by weight of the conventional colour- and/or effect-imparting coating composition A) and 20 to 65% by weight of the adhesion-promoting composition B), wherein the sum of portions of components A) and B) makes up 100% by weight.
13. (Previously Presented) Method according to claim 3, wherein the colour- and/or effect-imparting coating composition comprises 40 to 70% by weight of the conventional colour- and/or effect-imparting coating composition constitution A) and 30 to 60% by weight of the adhesion-promoting composition B), wherein the sum of portions of components A) and B) makes up 100% by weight.
14. (Previously Presented) Method according to claim 3, wherein the adhesion-promoting composition B) comprises  
Ba) 1.0 to 10.0% by weight of at least one ethylene vinyl acetate copolymer,

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- Bb) 0.5 to 10.0% by weight of at least one chlorinated rubber,
- Bc) 1.0 to 10.0% by weight of at least one chlorinated polyolefin  
and
- Bd) 70.0 to 97.5% by weight of organic solvent and  
optionally, conventional paint additives, wherein the sum of the  
portions of components Ba) to Bd) makes up 100% by weight.
15. (Previously Presented) Method according to claim 3, wherein the  
colour- and/or effect-imparting coating composition is a solvent-  
based coating composition.
16. (Previously Presented) Method according to claim 3, wherein the  
colour- and/or effect-imparting coating composition is a water-based  
coating composition.
17. (Previously Presented) Method according to claim 3 for painting  
plastics in vehicle painting.
18. (Previously Presented) A plastic substrate coated according to the  
process of claim 3.